T.A.G. ACADEMY

FIELD ASSISTANT (STATISTICS) / ENUMERATOR

FREE MOCK TEST

English Version | Practice Paper

Time allowed: 3 hours	**150 questions | 175 marks**

Name: _____ Roll No.: _____

IMPORTANT INSTRUCTIONS

1. The paper contains 150 multiple-choice questions. Each question has only one correct answer among options (A), (B), (C) and (D).

2. General Mathematics questions carry 2 marks each and are individually marked [2 marks]. All other questions carry 1 mark each.

3. A wrong answer attracts a deduction of one-quarter of the marks allotted to that question: 0.50 mark for a Maths question and 0.25 mark for any other question.

4. Selecting more than one option for a question is treated as a wrong answer and attracts the applicable negative marking.

5. Questions in this mock are shuffled across subjects. Read each question carefully. Reading passages remain together with their associated questions.

6. This mock is provided in English only. The official notice lists Assamese, Bengali, English, Bodo and Hindi for the written examination.

7. The computer skill test carries a separate 25 marks and is not included in this written mock. Terms for use of a Scribe/Reader by PwBD candidates are to be notified separately.

8. For practice: attempt the paper within 3 hours and record one answer per question. Keep the answer key closed until you finish.

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Maths questions are marked [2 marks]; all other questions carry 1 mark.

1. An antibiotic prescribed against a bacterial infection should not be expected to directly kill the viruses causing a common cold because:

(A) Viruses are larger than all bacteria

(B) All antibiotics work only outside the body

(C) Viruses lack the bacterial targets on which such antibiotics act

(D) Bacteria and viruses have identical cellular machinery

2. A container holds milk and water in the ratio 5:2. Fourteen litres of the mixture are removed and replaced with 14 litres of water. The new ratio of milk to water is 5:4. Find the original quantity of mixture. **[2 marks]**

(A) 49 litres (B) 63 litres (C) 70 litres (D) 56 litres

3. Select the passive equivalent of: Someone has misplaced the register.

(A) The register had misplaced someone. (B) The register was being misplace.

(C) The register has been misplaced. (D) The register is misplacing someone.

4. Which pair correctly matches a physical quantity with its SI unit?

(A) Power - newton (B) Pressure - pascal

(C) Energy - ampere (D) Electric current - joule

5. A rectangular garden has perimeter 94 m, and its length exceeds its breadth by 7 m. A uniform path 2 m wide is made outside it. Find the area of the path. **[2 marks]**

(A) 220 square metres (B) 188 square metres (C) 196 square metres (D) 204 square metres

6. Choose the correct word: Every applicant must comply ___ the stated instructions.

(A) at (B) for (C) with (D) to

7. Which matter is most appropriately addressed by the State Election Commission?

(A) Appointment of Supreme Court judges

(B) Allocation of Lok Sabha seats among states

(C) Election of the President of India

(D) Supervision of elections to municipalities and Panchayats

8. A and B have efficiencies in the ratio 3:2 and together finish a job in 12 days. A works alone for 4 days, then leaves. How many additional days does B need to finish the job? **[2 marks]**

(A) 24 (B) 18 (C) 20 (D) 26

9. Which pair correctly matches a subject with its constitutional list?

(A) Banking - State List (B) Defence - Concurrent List

(C) Public health - Union List (D) Police - State List

10. Which plant tissue transports sugars made in leaves to other parts of the plant?

(A) Root hair epidermis only (B) Phloem

(C) Cork only (D) Xylem

11. Which institution is responsible for auditing the receipts and expenditure of the Union and states under its constitutional mandate?

(A) University Grants Commission (B) National Human Rights Commission

(C) Central Election Commission (D) Comptroller and Auditor General of India

12. The price of a commodity is reduced by 20% and then increased by 30% on the reduced price. Compared with its original price, the final price is: **[2 marks]**

(A) 4% lower (B) 4% higher (C) 10% higher (D) 6% higher

13. Which statement best describes the traditional role of a namghar in Assamese village life?

(A) A fortified military storehouse

(B) A royal mint producing gold coins

(C) A colonial customs checkpoint

(D) A place for congregational prayer and community interaction

14. Rina walks 12 m east, 5 m north, 8 m west and 2 m south. What is her shortest distance from the starting point?

(A) 5 m (B) 7 m (C) 9 m (D) 4 m

15. If x is non-zero and $x+\frac{1}{x}=5$, find $x^4+\frac{1}{x^4}$. **[2 marks]**

(A) 575 (B) 527 (C) 529 (D) 523

16. If 1 March in a non-leap year falls on Tuesday, on which day does 1 May of the same year fall?

(A) Sunday (B) Monday (C) Saturday (D) Friday

17. In a food chain, a severe decline in the producer population initially reduces the energy available to:

(A) All higher trophic levels dependent on those producers

(B) Only non-living soil particles

(C) None of the consumers

(D) Only the decomposers, with no effect elsewhere

18. Which observation most directly indicates eutrophication in a lake?

(A) The immediate conversion of fresh water into salt water

(B) Nutrient enrichment followed by excessive algal growth

(C) Complete absence of dissolved nutrients

(D) Formation of glaciers along every bank

19. A map has a scale of 1:50,000. Which statement correctly interprets this scale?

(A) One centimetre on the map represents half a kilometre on the ground

(B) The map can show only heights, not distances

(C) One kilometre represents fifty centimetres on the map

(D) One centimetre represents fifty kilometres

20. Which activity adds value mainly in the secondary sector of an economy?

(A) Providing veterinary consultation (B) Rearing cattle for raw milk

(C) Converting milk into packaged cheese (D) Transporting milk to a town

21. A boat travels at 12 km/h in still water, and the stream flows at 3 km/h. It travels 90 km downstream and returns along the same route. Find the total travelling time. **[2 marks]**

(A) 18 hours (B) 15 hours (C) 16 hours (D) 14 hours

22. Who was named Player of the Tournament at the ICC Men's T20 World Cup 2026?

(A) Jasprit Bumrah (B) Sanju Samson

(C) Suryakumar Yadav (D) Rachin Ravindra

23. The Milano Cortina 2026 Olympic Winter Games were hosted in which country?

(A) Italy (B) Norway (C) Switzerland (D) Austria

24. An article is marked 50% above its cost price. Successive discounts of 20% and x% leave a profit of 8%. Find x. **[2 marks]**

(A) 10 (B) 12 (C) 8 (D) 15

25. On a computer, which action is most appropriate before opening an unexpected attachment claiming to be an urgent bank notice?

(A) Disable all security software permanently

(B) Send the account password in reply

(C) Verify the sender independently and avoid opening suspicious files

(D) Rename the attachment to make it safe

26. The central grievance behind the Patharughat peasant protest of 1894 was:

(A) Compulsory recruitment into a foreign navy

(B) The abolition of village schools

(C) An increase in colonial land revenue

(D) A ban on all river navigation

27. A wetland helps reduce downstream flood peaks mainly by:

(A) Temporarily storing water and releasing it more slowly

(B) Preventing all rainfall over the catchment

(C) Converting river water into petroleum

(D) Increasing runoff speed at every point

28. Arrange these steps in a sensible order: 1. Present findings; 2. Collect responses; 3. Prepare questionnaire; 4. Analyse responses.

(A) 4, 2, 3, 1 (B) 2, 3, 1, 4 (C) 3, 2, 4, 1 (D) 3, 4, 2, 1

29. Choose the correct reported form of: She said, "I have completed the survey."

(A) She said that she will complete the survey.

(B) She said that I have completed the survey.

(C) She said that she completes the survey.

(D) She said that she had completed the survey.

30. Which international organisation is primarily concerned with food and agriculture?

(A) ICAO (B) UPU (C) IMO (D) FAO

31. A conservator working on a traditional Assamese sanchipat manuscript would primarily be preserving writing on:

(A) Prepared tree bark (B) Woven cotton cloth

(C) Fired clay tablets (D) Sheets of beaten iron

32. Why was the withdrawal of the Non-Cooperation Movement in 1922 associated with Chauri Chaura?

(A) The salt tax had already been abolished

(B) The Congress accepted separate electorates for the first time

(C) The British immediately granted complete independence

(D) A violent incident conflicted with Gandhi's insistence on non-violence

33. A word is coded by adding the alphabet positions of its letters (A=1, ..., Z=26). If TABLE is coded as 40, what is the code for CHAIR?

(A) 38 (B) 41 (C) 39 (D) 43

34. A right-angled triangle has hypotenuse 25 cm and one perpendicular side 7 cm. Find its inradius. **[2 marks]**

(A) 3 cm (B) 5 cm (C) 6 cm (D) 4 cm

35. A place has a time zone east of another place. Its local time will generally be:

(A) Determined solely by altitude

(B) Ahead because the Earth rotates from west to east

(C) Behind because the Earth rotates from east to west

(D) Identical at all longitudes

36. Lata is older than Mira but younger than Nila. Omi is younger than Mira. Pori is older than Nila. Who is the second oldest?

(A) Mira (B) Lata (C) Nila (D) Pori

37. Why is a fuse connected in series with the appliance it protects?

(A) So excess current through the appliance also passes through and melts the fuse

(B) So it can store electrical charge

(C) So the appliance receives alternating and direct current simultaneously

(D) So it can increase current indefinitely

Read the passage and answer Questions 38-46.

When a small workshop began accepting orders through messages, its owner asked customers to include the item code, quantity and required date. Some customers sent photographs instead of codes, and others wrote dates such as "next Friday". Staff often had to exchange several messages before they understood an order. One worker proposed rejecting every incomplete request. Another suggested a short order template and a polite follow-up whenever essential details were missing.

The owner tested the second suggestion for a month. The template used ordinary words and included an example date written in full. Customers could still ask questions before placing an order. Staff were told to confirm the final details in a single message, especially when a customer changed the quantity. Mistakes became less frequent, although the workshop did not claim that the template was the sole reason: staff had also gained experience during the trial.

At the end of the month, the owner removed a field that customers repeatedly misunderstood and retained those needed to fulfil an order. The lesson was not that every conversation should follow a rigid script. It was that a small amount of structure could reduce avoidable confusion while leaving room for genuine questions. The workshop planned to review the template again if its products changed.

38. What initially caused repeated exchanges of messages?

(A) Every customer used the same code

(B) The workshop refused all messages

(C) Staff never received photographs

(D) Essential order details were unclear or missing

39. Which approach did the owner test?

(A) A ban on customer questions

(B) An entirely oral ordering system

(C) A short template with polite follow-up

(D) Automatic rejection of all incomplete requests

40. Why did the template show a date written in full?

(A) To remove the need for item codes

(B) To reduce ambiguity about the required date

(C) To prevent customers ordering next month

(D) To make every order urgent

41. What were staff told to do after details had been settled?

(A) Delete the customer's quantity (B) Confirm the final details in one message

(C) Send contradictory dates (D) Accept only photographs

42. Why did the workshop avoid crediting the template alone for fewer mistakes?

(A) The trial lasted for several years (B) Every product had been discontinued

(C) No mistakes had ever occurred (D) Staff had also gained experience

43. Why was one template field removed?

(A) Customers repeatedly misunderstood it (B) All orders had become identical

(C) It contained the final agreed quantity (D) It was essential and perfectly clear

44. Which statement best expresses the author's position?

(A) Every conversation needs a rigid script

(B) Templates make clarification unnecessary

(C) Useful structure can coexist with flexible conversation

(D) Customers should never ask questions

45. In the passage, sole most nearly means:

(A) Mainly hidden (B) Temporary (C) Only (D) Unusual

46. When might the workshop review the template again?

(A) If its products changed (B) Only when no customers remained

(C) When dates became unnecessary (D) Only after abandoning all written orders

47. The NISAR mission, launched in July 2025, combines which two radar frequency bands?

(A) X-band and gamma-ray band (B) L-band and S-band

(C) Radio FM and audio bands (D) Ultraviolet and visible bands only

48. Choose the pair with the same relationship as "editor : manuscript".

(A) Vehicle : road (B) Fuel : engine

(C) Passenger : station (D) Mechanic : vehicle

49. Which arrangement correctly matches a movement with its immediate focus?

(A) Kheda - opposition to the partition of Bengal

(B) Swadeshi Movement - opposition to the Rowlatt Act of 1919

(C) Dandi March - railway wage negotiations

(D) Champaran - grievances of indigo cultivators

50. The Gram Sabha consists of:

(A) Only government employees residing in the village

(B) Persons registered in the electoral rolls relating to a village within the Panchayat area

(C) Only landowners paying land revenue

(D) Only elected members of the village Panchayat

51. Find the missing term: 28, 7, 35, 14, 42, 21, ?

(A) 35 (B) 56 (C) 28 (D) 49

52. What is the two-digit number? Statement I: Its digits add to 11. Statement II: Its tens digit is 3 greater than its units digit.

(A) Even both together are insufficient

(B) Statement I alone is sufficient

(C) Both statements together are sufficient, but neither alone is sufficient

(D) Statement II alone is sufficient

53. What is the smaller angle between the hands of a clock at 4:40?

(A) 80 degrees (B) 100 degrees (C) 110 degrees (D) 120 degrees

54. The values 10, 20 and 30 have frequencies 3, k and 5 respectively. If the arithmetic mean is 21, find k. **[2 marks]**

(A) 12 (B) 14 (C) 8 (D) 10

55. P is the brother of Q. Q is the mother of R. S is the father of P and Q. How is S related to R?

(A) Maternal grandfather (B) Maternal uncle

(C) Father (D) Paternal grandfather

56. Which spelling correctly completes the sentence: The two teams worked on ___ projects?

(A) separrate (B) seperate (C) separete (D) separate

57. For continuous classes 0-10, 10-20, 20-30, 30-40 and 40-50, the frequencies are 4, 9, 15, 12 and 5 respectively. Find the mode using the usual grouped-data formula. **[2 marks]**

(A) 28 (B) $23\frac{1}{3}$ (C) $26\frac{2}{3}$ (D) 25

58. A Bill contains only provisions imposing or abolishing a tax. Which authority certifies whether it is a Money Bill for parliamentary purposes?

(A) Comptroller and Auditor General (B) Speaker of the Lok Sabha

(C) Chief Election Commissioner (D) Chairperson of the Rajya Sabha

59. If θ is acute and $\sin(\theta)=\frac{3}{5}$, find $\frac{1+\cos(\theta)}{1-\cos(\theta)}$. **[2 marks]**

(A) 9 (B) 4 (C) 5 (D) 16

60. Which farming practice most directly improves soil nitrogen through a biological association?

(A) Applying only common salt

(B) Burning all crop residues repeatedly

(C) Growing a legume with nitrogen-fixing root bacteria

(D) Removing every earthworm

61. Which Assam landscape is most directly associated with the practice of growing flood-tolerant deepwater rice?

(A) Dry desert dunes (B) Permanently snow-covered summits

(C) Exposed ocean reefs (D) Low-lying flood-prone fields

62. A file is approved only if both the identity check and the address check are complete. The identity check is complete, but the address check is incomplete. Which conclusion is certain?

(A) The file cannot yet be approved under this rule

(B) The applicant has given a false address

(C) The identity check must be repeated

(D) The file must be approved

63. A seed kept with water and air at a suitable temperature fails to germinate because its embryo is dead. This shows that germination also requires:

(A) A viable seed
(B) A green leaf already attached
(C) Soil containing animal blood
(D) Direct sunlight in every species

64. Among 80 applicants, 46 know Assamese, 38 know Bengali and 12 know neither language. How many know both languages?

(A) 12 (B) 16 (C) 22 (D) 18

65. A invests Rs 15,000 in a business. After 4 months, A withdraws Rs 5,000. B invests Rs 10,000 at the start and leaves it for the entire year. If the annual profit is Rs 39,000, find A's share. **[2 marks]**

(A) Rs 19,500 (B) Rs 18,000 (C) Rs 22,500 (D) Rs 21,000

66. Who received the Nobel Peace Prize for 2026?

(A) Navi Pillay
(B) Denis Mukwege
(C) Maria Ressa
(D) Narges Mohammadi

67. The United Nations designated 2026 the International Year of:

(A) The Potato
(B) Crystallography
(C) Rangelands and Pastoralists
(D) Millets

68. Which arrangement reduces the risk of an electric shock from a metal-bodied appliance with a faulty live wire?

(A) A properly connected earth wire and protective device
(B) Replacing the earth wire with dry cotton
(C) Removing the fuse permanently
(D) Connecting the metal body directly to the live terminal

69. A cube is painted on all six faces and cut into 64 equal small cubes. How many small cubes have exactly two painted faces?

(A) 32 (B) 24 (C) 12 (D) 16

70. Statements: All enumerators are workers. No worker is a minor. Conclusions: I. No enumerator is a minor. II. All workers are enumerators. Which follows logically?

(A) Only II (B) Neither I nor II (C) Both I and II (D) Only I

71. In the Assamese Vaishnavite tradition, Bhaona is most closely connected with which activity?

(A) Construction of irrigation canals

(B) Preparation of revenue maps

(C) Competitive wrestling

(D) Dramatic presentation of devotional narratives

72. A cow chewing cud repeatedly is carrying out which process?

(A) Photosynthesis (B) Pollination

(C) Fermentation in the lungs (D) Rumination

73. A river descends from steep mountains onto a gentler plain and deposits a fan-shaped mass of sediment. This landform is an:

(A) Ox-bow lake (B) Sea cliff (C) Alluvial fan (D) Glacial cirque

74. Which pair correctly matches an Assam place with a major industry associated with it?

(A) Namrup - fertiliser (B) Digboi - shipbuilding

(C) Sualkuchi - coal mining (D) Duliajan - paper currency printing

75. Which demand distinguished the Lahore Congress resolution of December 1929 from the earlier goal of dominion status?

(A) Restoration of Company rule (B) Permanent British supervision of defence

(C) Complete independence (D) Abolition of all elected legislatures

76. The traditional silk known as eri is especially associated with rearing silkworms on which common host plant?

(A) Coconut (B) Wheat (C) Castor (D) Tea

77. A 180 m train crosses a 270 m platform in 30 seconds. How long will it take to cross a 220 m train travelling in the opposite direction at 36 km/h? **[2 marks]**

(A) 18 seconds (B) 20 seconds (C) 24 seconds (D) 16 seconds

78. Which soil-management practice most directly reduces the loss of topsoil on a cultivated slope?

(A) Ploughing straight down the slope (B) Removing all vegetation between crops

(C) Leaving loose soil bare before heavy rain (D) Ploughing along contour lines

79. If the Lok Sabha passes a no-confidence motion against the Council of Ministers, the constitutional principle involved is:

(A) Collective responsibility to the Lok Sabha

(B) Permanent tenure irrespective of legislative support

(C) Individual responsibility to the Finance Commission

(D) Collective responsibility to the Supreme Court

80. Which blood vessels have walls only one cell thick, allowing exchange between the blood and surrounding tissues?

(A) Large veins

(B) The aorta

(C) Capillaries

(D) Arteries leaving the heart

Read the passage and answer Questions 81-88.

A village library once judged its success by counting the number of books borrowed each month. When borrowing fell, the committee assumed that interest in reading had declined. A volunteer suggested observing how people actually used the building before buying more books. For two weeks, staff recorded visits without collecting visitors' names. They found that many students read reference books inside the library because these books could not be borrowed. Several older residents came to read newspapers, while job seekers used the notice board.

The committee then added separate counts for borrowing, reading-room visits and participation in weekly discussions. It also moved the discussion hour to the evening after students explained that the earlier time clashed with classes. Borrowing did not immediately rise, but attendance at discussions increased. The committee decided to review the new arrangement after three months rather than announce an instant success.

The exercise did not show that borrowing figures were useless. It showed that a single measure could give an incomplete picture of a service with several purposes. The volunteer also warned that a rise in visits alone would not establish that visitors had learnt more. That would require different evidence.

81. Why did the committee initially think interest in reading had declined?

(A) The building had closed

(B) The number of borrowed books had fallen

(C) Students had stopped visiting

(D) Newspapers were no longer supplied

82. Why were some students not represented in the borrowing count?

(A) They borrowed books from another village

(B) They used reference books inside the library

(C) Their names were deliberately deleted

(D) They attended only evening classes

83. Which information was deliberately NOT collected during the two-week observation?

(A) Visitors' names
(B) Use of the notice board
(C) Use of the reading room
(D) The fact that visits occurred

84. Why was the discussion hour moved?

(A) Newspapers arrived late
(B) The library had lost its reference books
(C) Older residents demanded a morning session
(D) Its previous timing clashed with students' classes

85. Which change was observed after the new arrangement?

(A) All visitors learnt more
(B) Borrowing immediately doubled
(C) Discussion attendance increased
(D) Newspaper reading stopped

86. What is the main lesson of the passage?

(A) A busy building necessarily proves learning
(B) Borrowing figures should always be discarded
(C) Different purposes may require different measures of success
(D) Services can be assessed without evidence

87. In the passage, incomplete most nearly means:

(A) Not covering the whole picture
(B) Impossible to collect
(C) Entirely false
(D) Deliberately dishonest

88. Why did the committee wait before announcing success?

(A) It had stopped counting all activity
(B) It believed discussions could never help
(C) It had decided to close the library
(D) It wanted to review evidence over a longer period

89. Find the weighted arithmetic mean of the first n natural numbers when the weight of each number is the number itself. **[2 marks]**

(A) $\frac{n+1}{3}$ (B) $\frac{2n+1}{3}$ (C) $\frac{2n-1}{3}$ (D) $\frac{n+1}{2}$

90. Two appliances are connected in parallel to a household supply. If one is switched off, the other normally continues to work because:

(A) Current can flow only through the switched-off appliance

(B) Each has its own conducting path across the supply

(C) Their resistance must become zero

(D) The supply voltage doubles automatically

91. Which combination most directly explains orographic rainfall on a windward slope?

(A) Ocean currents stop Earth's rotation (B) Dry air descends, compresses and warms

(C) Groundwater flows uphill into clouds (D) Moist air rises, expands and cools

92. A worker wants employment but gets work only during the sowing and harvesting months. This is primarily an example of:

(A) Technological unemployment caused by automation

(B) Seasonal unemployment

(C) Frictional unemployment caused by changing jobs

(D) Voluntary retirement

93. A person faces west, turns 90 degrees clockwise, then 45 degrees anticlockwise, and finally 180 degrees clockwise. Which direction does the person face?

(A) South-east (B) North-east (C) South-west (D) North-west

94. Two inlet pipes can fill a tank in 12 hours and 18 hours. Both are opened together. After 3 hours, an outlet that can empty the full tank in 36 hours is also opened. All three then remain open. How long, from the start, does filling the tank take? **[2 marks]**

(A) 8 hours 30 minutes (B) 9 hours

(C) 7 hours 45 minutes (D) 8 hours 15 minutes

95. Find the next term: 5, 12, 22, 35, 51, ?

(A) 67 (B) 74 (C) 72 (D) 70

96. A traveller going from Guwahati to Silchar by land through the hills would be moving from which major valley towards which other valley?

(A) Ganga valley to Narmada valley (B) Brahmaputra valley to Barak valley

(C) Barak valley to Kashmir valley (D) Indus valley to Brahmaputra valley

97. In a queue, Bina is 13th from the front and 18th from the back. Five people ahead of Bina leave, and three people join behind her. How many people are now in the queue?

(A) 28 (B) 29 (C) 27 (D) 30

98. Select the sentence that correctly uses fewer or less.

(A) This form requires fewer documents than the old form.

(B) This form requires many less documents than the old form.

(C) This form requires less documents than the old form.

(D) This form requires a fewer information than the old form.

99. Which team won the FIFA World Cup 2026?

(A) Spain (B) Argentina (C) Brazil (D) France

100. A continuous frequency distribution has classes 0-10, 10-20, 20-30, 30-40 and 40-50, with respective frequencies 5, 7, 16, 8 and 4. Find its median using the grouped-data formula. **[2 marks]**

(A) 26 (B) 24 (C) 27 (D) 25

101. Why does the Brahmaputra valley commonly experience large sediment deposits during floods?

(A) Evaporation removes all suspended particles before flooding

(B) Floodwater loses velocity outside the channel and deposits its sediment load

(C) The river receives no material from its tributaries

(D) Floodwater converts sediment directly into bedrock

102. Under the Subsidiary Alliance system, an Indian ruler generally had to:

(A) Transfer all religious institutions to France

(B) Remove every British resident and conduct unrestricted diplomacy

(C) Maintain a British force at the state's expense and accept restrictions on external relations

(D) Elect the Governor-General through a village vote

103. Which institution sets the policy repo rate through its Monetary Policy Committee?

(A) Indian Council of Agricultural Research (B) Reserve Bank of India

(C) Election Commission of India (D) Securities and Exchange Board of India

104. In a code, letters in odd positions are moved one step forward and letters in even positions one step backward in the alphabet (A moved backward becomes Z). How is MARKET written?

(A) NZSJFS (B) LZQJDS (C) NZSLFS (D) NBSLFT

105. Jaya is the daughter of Kiran. Kiran is the sister of Deepa. Deepa is the mother of Arun. How are Jaya and Arun related?

(A) Siblings (B) Cousins (C) Aunt and nephew (D) Mother and son

106. Choose the correct completion: If the team had left earlier, it ___ the last bus.

(A) has caught (B) would have caught

(C) will catch (D) would catch

107. Which change is a chemical change rather than only a physical change?

(A) Water boiling (B) Sugar crystals being crushed

(C) Ice melting (D) Iron forming rust

108. Find the smallest three-digit positive integer that leaves a remainder of 5 when divided by each of 6, 8 and 9, and is divisible by 11. **[2 marks]**

(A) 725 (B) 869 (C) 941 (D) 797

109. A measuring instrument gives nearly the same reading repeatedly, but every reading is above the true value by a fixed amount. This mainly suggests:

(A) Perfect accuracy (B) A systematic measurement error

(C) Random cancellation of all errors (D) No need for calibration

110. A sum amounts to Rs 13,310 in 3 years at 10% compound interest per annum, compounded annually. By how much does its compound interest exceed simple interest for the same period and rate? **[2 marks]**

(A) Rs 330 (B) Rs 300 (C) Rs 310 (D) Rs 331

111. Which sequence places these Assam-related events in chronological order?

(A) Patharughat protest - Treaty of Yandabo - Phulaguri uprising

(B) Treaty of Yandabo - Patharughat protest - Phulaguri uprising

(C) Phulaguri uprising - Treaty of Yandabo - Patharughat protest

(D) Treaty of Yandabo - Phulaguri uprising - Patharughat protest

112. Adding an acid slowly to an alkali until their effects cancel is an example of:

(A) Electroplating (B) Neutralisation (C) Sedimentation (D) Sublimation

113. The present ages of two people are in the ratio 3:2. After 8 years, their ages will be in the ratio 7:5. Find the difference between their present ages. **[2 marks]**

(A) 12 years (B) 16 years (C) 20 years (D) 18 years

114. The Maratha Military Landscapes of India inscribed by UNESCO in 2025 include forts mainly in Maharashtra and one in which other state?

(A) Assam (B) Odisha (C) Tamil Nadu (D) Gujarat

115. Four persons are selected uniformly at random from 3 men, 2 women and 4 children. Find the probability that exactly two selected persons are children. **[2 marks]**

(A) $\frac{12}{21}$ (B) $\frac{11}{21}$ (C) $\frac{10}{21}$ (D) $\frac{13}{21}$

116. A writ directs a public authority to perform a public duty that it has unlawfully failed to perform. Which writ is this?

(A) Quo warranto (B) Habeas corpus (C) Certiorari (D) Mandamus

117. Which waste is most suitable for a household compost pit when separated from plastics and metals?

(A) Discarded aluminium foil (B) Broken fluorescent tubes

(C) Vegetable peels and dry leaves (D) Used button batteries

118. A spoon appears bent where it enters water mainly because light changes direction when passing between air and water. This is:

(A) Evaporation (B) Diffusion (C) Refraction (D) Magnetisation

119. Choose the correct article: The office has introduced ___ one-page application form.

(A) a (B) an (C) the only (D) no article

Read the passage and answer Questions 120-127.

Two neighbourhoods planted equal numbers of saplings at the beginning of the rainy season. In the first, a public ceremony attracted a large crowd, but no one was assigned responsibility afterwards. In the second, residents divided the street into short stretches and agreed on a watering rota. They also noted where underground cables made deep digging unsafe. Six months later, more saplings had survived in the second neighbourhood.

A local newspaper described the result as proof that ceremonies never help environmental projects. The residents disagreed. A ceremony, they said, could attract volunteers and explain a project, but it could not replace regular care. They also pointed out that the two neighbourhoods differed in soil and shade, so the comparison did not measure the effect of the rota alone.

Before the next planting season, the first group adopted a care schedule and selected species suited to its available space. Both groups agreed to record survival after the same interval, rather than compare photographs taken on different dates. Their aim was not to win a publicity contest but to learn which practical arrangements helped young trees survive.

120. What practical arrangement distinguished the second neighbourhood?

(A) A larger initial number of saplings (B) An agreed watering rota

(C) A ban on volunteers (D) A plan to remove all shade

121. Why were underground cables considered?

(A) They made deep digging unsafe in some places

(B) They prevented all planting in the neighbourhood

(C) They supplied water to the trees

(D) They guaranteed better soil

122. What did the residents reject in the newspaper report?

(A) Its claim that ceremonies never help such projects

(B) Its suggestion that soil can differ

(C) Its statement that trees need care

(D) Its report that both groups planted saplings

123. Why could the survival difference not be attributed to the rota alone?

(A) The first group had more volunteers

(B) The groups planted in different years

(C) Soil and shade also differed

(D) No saplings survived anywhere

124. How did the first group change its approach?

(A) It adopted a care schedule and chose suitable species

(B) It relied solely on photographs

(C) It stopped considering available space

(D) It banned public explanations

125. Why record survival after the same interval?

(A) To count only publicity photographs

(B) To guarantee identical survival

(C) To eliminate the need for watering

(D) To make the comparison more meaningful

126. In this passage, a rota is:

(A) A type of fertiliser

(B) A method of measuring rainfall

(C) A legal ownership document

(D) A schedule allocating turns or duties

127. Which title best fits the passage?

(A) Why Every Ceremony Must Be Banned

(B) Beyond Planting Day: Planning for Survival

(C) Photographs Are the Best Evidence

(D) Trees Need No Follow-up

128. Which revenue arrangement made zamindars responsible for paying a fixed land-revenue demand to the East India Company?

(A) Ryotwari settlement (B) Mahalwari settlement

(C) Permanent Settlement (D) Dahsala under Akbar

129. Find the next term: 11, 14, 23, 50, 131, ?

(A) 394 (B) 262 (C) 374 (D) 293

130. The geometric mean of three positive observations was calculated as 2. One value had been recorded as 3 instead of 24. Find the corrected geometric mean. **[2 marks]**

(A) 27 (B) 16 (C) 3 (D) 4

131. The sum of the first 15 terms of an arithmetic progression is 600, and its 15th term is 68. Find its 25th term. **[2 marks]**

(A) 116 (B) 108 (C) 112 (D) 104

132. Five parcels P, Q, R, S and T are placed in a row. P is immediately left of Q; R is immediately right of Q; S is at the extreme left; T is at the extreme right. Which parcel is in the middle?

(A) S (B) R (C) Q (D) P

133. A farmer seeks scientific guidance specifically on crop varieties and cultivation from the national agricultural research system. Which organisation is the closest match?

(A) Indian Council of Agricultural Research (B) National School of Drama

(C) Indian Space Research Organisation (D) Bureau of Civil Aviation Security

134. Complete the letter sequence: C, G, L, R, ?

(A) X (B) Y (C) Z (D) W

135. Find the grouped mean using class midpoints. Classes: 0-10, 10-20, 20-30, 30-40, 40-50, 50-60. Corresponding frequencies: 12,18,27,20,17,6. **[2 marks]**

(A) 38 (B) 28 (C) 48 (D) 18

136. The officer gave a lucid explanation. Here lucid means:

(A) Lengthy and repetitive (B) Harsh and insulting

(C) Clear and easy to understand (D) Deliberately incomplete

137. Which situation concerns a Fundamental Right rather than merely a Directive Principle?

(A) A state promotes village cottage industries

(B) A policy seeks a uniform civil code

(C) A government plans to improve the nutritional level of the population

(D) A citizen challenges discrimination by the State on the ground of religion

138. A Buddhist monk explains that freedom from suffering requires ethical conduct, mental discipline and wisdom. This description most directly relates to the:

(A) Noble Eightfold Path (B) Doctrine of Lapse

(C) Permanent Settlement (D) Mansabdari system

139. Choose the correct word: Neither the clerks nor the supervisor ___ available for the meeting.

(A) is (B) are (C) were (D) have been

140. A species found naturally only within a particular geographical region is described as:

(A) Endemic (B) Domesticated in every country

(C) Necessarily extinct (D) Artificial

141. Which pair of powers concluded the Treaty of Yandabo in 1826, an agreement that affected the subsequent history of Assam?

(A) Burma and Portugal (B) British East India Company and France

(C) Ahom kingdom and Mughal Empire (D) British East India Company and Burma

142. An archaeologist finds seals, planned streets and covered drains at an ancient settlement. Which civilisation is the best match?

(A) Early Portuguese settlements (B) Gupta court culture alone

(C) Later Mughal civilisation (D) Harappan civilisation

143. In "The project is on the verge of completion", on the verge of means:

(A) Unable to begin (B) Entirely opposed to

(C) Very close to (D) Far away from

144. Which pair does NOT follow the rule followed by the other three pairs?

(A) 9 : 90 (B) 7 : 42 (C) 8 : 72 (D) 5 : 30

145. Which combination is correctly associated with Assam's Vaishnavite cultural tradition?

(A) Satra - market toll; Borgeet - stone inscription

(B) Satra - royal coin; Borgeet - land tax

(C) Satra - monastic institution; Borgeet - devotional song

(D) Satra - irrigation tank; Borgeet - warship

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146. The Battle of Saraighat illustrates the importance of which geographical advantage in Ahom defence?

(A) Occupying the Coromandel coastal plain

(B) Using the Brahmaputra channel and surrounding terrain for river warfare

(C) Blocking the Khyber Pass with cavalry

(D) Controlling a seaport on the Arabian Sea

147. A solid cone of base radius 6 cm and height 9 cm is melted into identical solid spheres of radius 1.5 cm, with no loss of material. How many spheres are formed? **[2 marks]**

(A) 27 (B) 24 (C) 32 (D) 18

148. Four interviews A, B, C and D occupy consecutive slots. A is before B, B is immediately before C, and D is after C. Which interview must be first?

(A) B (B) D (C) A (D) C

149. Statements: Some books are maps. All maps are printed items. Conclusions: I. Some books are printed items. II. All printed items are maps. Which follows logically?

(A) Neither I nor II (B) Only II (C) Both I and II (D) Only I

150. A variable X has mean 18 and standard deviation 4. If Y=60-2X, what is the coefficient of variation of Y? **[2 marks]**

(A) $33\frac{1}{3}\%$ (B) $16\frac{2}{3}\%$ (C) $66\frac{2}{3}\%$ (D) $22\frac{2}{9}\%$

- End of Questions -

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